

CLAIMS

1. Aqueous dispersions containing at least:

a) a copolymer of compounds corresponding to formula (I):

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in which R^1 is a branched or unbranched alkyl group containing 8 to 22 carbon atoms and R^2 is a hydrogen atom or an alkyl group containing 1 to 4 carbon atoms, with monomers selected from compounds corresponding to formula (Ia):

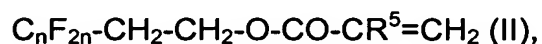


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in which R^3 is a branched or unbranched alkyl group containing 1 to 6 carbon atoms and R^4 is a hydrogen atom or an alkyl group containing 1 to 4 carbon atoms, and

b) a copolymer of compounds corresponding to formula (II):

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in which R^5 is a hydrogen atom or an alkyl group containing 1 to 4 carbon atoms and n is a number of 4 to 12, with monomers selected from compounds corresponding to formula (Ia), and

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c) emulsifiers,

with the proviso that the ratio by weight between the copolymers a) and the copolymers b) is 10:1 to 1:10.

2. Aqueous dispersions as claimed in claim 1, characterized in that the
30 copolymers a) contain compounds of formula (I) where R is a linear alkyl

group containing 12 to 18 carbon atoms.

3. Aqueous dispersions as claimed in claims 1 and 2, characterized in that the copolymers b) contain monomeric compounds of formula (II) where n is a number of 6 to 10.

5 4. Aqueous dispersions as claimed in claims 1 to 3, characterized in that the ratio by weight of copolymers a) to copolymers b) is 5:1 to 1:3 and more particularly 3:1 to 1:1.

5. Aqueous dispersions as claimed in claims 1 to 4, characterized in that at least 50% by weight and preferably at least 70% by weight of the
10 monomers in the copolymers a) are selected from compounds corresponding to formula (I).

6. Aqueous dispersions as claimed in claims 1 to 5, characterized in that at least 50% by weight and preferably at least 70% by weight of the monomers in the copolymers b) are selected from compounds
15 corresponding to formula (II).

7. Aqueous dispersions as claimed in claims 1 to 6, characterized in that the monomers of formula (Ia) independently of one another are selected from the group consisting of methyl, ethyl, n-propyl, i-propyl and/or butyl esters of acrylic or methacrylic acid.

20 8. Aqueous dispersions as claimed in claims 1 to 7, characterized in that they contain emulsifiers from the group of nonionic and/or cationic emulsifiers.

9. Aqueous dispersions as claimed in claims 1 to 8, characterized in that they contain the copolymers a) and b) in total quantities of 0.1 to 50%
25 by weight and preferably in total quantities of 1 to 35% by weight, based on the total weight of the dispersion.

10. Aqueous dispersions as claimed in claims 1 to 9, characterized in that they contain emulsifiers in quantities of 0.1 to 10% by weight and preferably in quantities of 0.5 to 5% by weight, based on the total weight of
30 the dispersion.

11. Aqueous dispersions as claimed in claims 1 to 10, characterized in that they contain a water-miscible organic solvent.
12. Aqueous dispersions as claimed in claim 11, characterized in that the solvent is selected from the group of polyols containing 2 to 6 carbon atoms and 2 to 6 hydroxyl groups, alkyl ethers or partial alkyl ethers of these polyols and the partly or completely alkoxyated derivatives of the polyols or acetone.
- 5 13. The use of the aqueous dispersions claimed in claim 1 for the hydrophobic finishing of fibers and flat textile materials.